

## **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application No. 09/890,355

Confirmation No. 1196

Applicant: FENDYA et al.

Filed: June 18, 2002

TC/AU: 1723

Examiner: Krishnan Menon

Docket No.: 440490

Customer No.: 23460

Commissioner for Patents  
U.S. Patent and Trademark Office  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

### **INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner initial the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- ☒ **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
- ☐ **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
- ☐ the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
- or —
- ☐ the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- ☐ **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- ☐ **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

### Copies of the References

- ☐ Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.
- ☒ Copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
- ☒ For each reference not in the English language, attached is an English translation, a concise explanation of relevance, an English-language equivalent/patent, an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office pursuant to 37 CFR 1.98(a)(3).

- ☐ A copy of the foreign search report is enclosed herewith.
- ☐ The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		STATUS ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

**Statement under 37 CFR 1.97(e)**

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

**Statement under 37 CFR 1.704(d)**

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

**Fees**

- ☒ No fee is owed by the applicant(s).
- ☐ Charge Deposit Account No. 12-1216 in the amount of **\$180.00** (37 CFR 1.17(p)). (A duplicate copy of this communication is enclosed for that purpose, unless submitted via EFS-Web.)

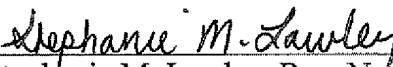
**Authorization to Charge Additional Fees**

- ☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose, unless submitted via EFS-Web.)

**Instructions as to Overpayment**

- ☒ Credit Account No. 12-1216.  
☐ Refund

Respectfully submitted,

  
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Date: *July 3, 2007*

SML/tdh

Please type a plus sign (+) inside this box →




Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/890,355	
			Filing Date	June 18, 2002	
			First Named Inventor	FENDYA et al.	
			Group Art Unit	1723	
			Examiner Name	Krishnan Menon	
Sheet	1	of	2	Attorney Docket Number	440490

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
		Application or Patent Number	Kind Code			
	B 1	3,367,504		J.C. Westmoreland	02/06/1968	
	B 2	3,386,583		U. Merten	06/04/1968	
	B 3	3,417,870		D.T. Bray	12/24/1968	
	B 4	3,455,460		H.I. Mahon et al.	07/15/1969	
	B 5	3,722,696		Dwyer et al.	03/27/1973	
	B 6	3,827,564		Rak	08/06/1974	
	B 7	4,411,785		Yu et al.	10/25/1983	
	B 8	4,715,955		Friedman	12/29/1987	
	B 9	4,735,718		Peters	04/05/1988	
	B 10	4,792,401		Truex et al.	12/20/1988	
	B 11	4,814,079		Schneider	03/21/1989	
	B 12	4,849,102		Latour et al.	07/18/1989	
	B 13	4,855,058		Holland et al.	08/08/1989	
	B 14	5,096,582		Lombardi et al.	03/17/1992	
	B 15	5,114,582		Sandstrom et al.	05/19/1992	
	B 16	5,128,037		Pearl et al.	07/07/1992	
	B 17	5,147,541		McDermott, Jr. et al.	09/15/1992	
	B 18	5,304,312		Forster et al.	04/19/1994	
	B 19	5,490,926		Hammeken	02/13/1996	
	B 20	5,593,580		Kopf	01/14/1997	
	B 21	5,824,217		Pearl et al.	10/20/1998	
	B 22	6,068,771		McDermott et al.	05/30/2000	
	B 23	6,251,275	B1	Rekers	06/26/2001	
	B 24	6,432,310	B1	Andou et al.	08/13/2002	
	B 25	6,533,937	B1	Adachi et al.	03/18/2003	
	B 26	6,537,456	B2	Mukhopadhyay	03/25/2003	
	B 27	6,565,747	B1	Shintani et al.	05/20/2003	
	B 28	2003/0034293	A1	Simonetti	02/20/2003	

Examiner Signature	Date Considered
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- \* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plus sign (+) inside this box → 

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			Application Number	09/890,355	
			Filing Date	June 18, 2002	
			First Named Inventor	FENDYA et al.	
			Group Art Unit	1723	
			Examiner Name	Krishnan Menon	
Sheet	2	of	2	Attorney Docket Number	440490

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
	B 2 9	DE	1 792 446		Dr. Josef Hoeltzenbein	04/29/1971	X	
	B 3 0	DE	34 48 391	C2	Sartorius AG	11/21/1991	X	
	B 3 1	DE	39 27 455	C1	Sampas Membrantechnik GmbH	08/02/1990	X	
	B 3 2	DE	41 14 611	A1	Sartorius GmbH	11/14/1991	X	
	B 3 3	DE	43 42 485	C1	W L Gore & Assoc GmbH	03/30/1995	X	
	B 3 4	DE	44 27 354	A1	W L Gore & Assoc GmbH	02/08/1996	X	
	B 3 5	EP	0 443 257	A1	Koch Membrane Systems, Inc	08/28/1991		
	B 3 6	WO	00/078436	A1	Trisep Corporation	12/28/2000		
	B 3 7	WO	01/58575	A1	James Munro	08/16/2001		
	B 3 8	WO	01/89669	A2	Filtration Solutions, Inc.	11/29/2001		
	B 3 9	WO	02/32533	A2	Osmotek, Inc.	04/25/2002		

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
	B 4 0	"Koch Membrane Systems Launches World's Largest Reverse Osmosis Element"		
	B 4 1	Donaldson Technology "Introducing Donaldson PowerCore Filtration Technology" Brochure No. F111112 (03/02)		

Examiner Signature		Date Considered	
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\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).